

19980426.qrp v01_n072.qrs.980426

Date: Sun, 26 Apr 1998 19:03:11 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1072

QRP-L Digest 1072

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- 1) [9065] Treasure
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- 2) [9066] Elmer101 Re: Crystal Insulators
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- 3) [9067] Re: Copper Foil Tape
by George Gingell <k3tks@u1.abs.net>
- 4) [9068] it works ;)
by Mighty Mik <mitymik@hooked.net>
- 5) [9069] QRPTTF Pix
by Tim Ahrens <tahrens@inetport.com>
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by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 7) [9071] PACTOR and QRP with PK232MBX
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 8) [9072] QRP TTF Results es Comments
by Brian Kassel <bkassel@dancris.com>
- 9) [9073] C04BM in QRP-TTF Contest
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 10) [9074] Radio Cuba
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- 11) [9075] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition
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by Ed Tanton <n4xy@att.net>
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by Jay Bromley <w5jay@alltel.net>
- 16) [9080] QRPTTF 1998 GA/TN/NC
by "Bob Edwards, W4ED" <w4ed@flash.net>
- 17) [9081] QRP - TTF QRN
by Chuck Carpenter <w5usj@webwide.net>
- 18) [9082] Amidon cores at TechAmerica

- by mike czuhajewski <wa8mcq@abs.net>
- 19) [9083] QRP-TTF
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- 20) [9084] FCC: Band Plans => Allocation Revisions ??
by "Bruce Barley" <lbbarley@feist.com>
- 21) [9085] Re: QRP TTF - Novice participation!
by Frank Kienast <fgk@iquest.net>
- 22) [9086] VFO's
by "Jon P. Beckett" <jbeckett@illuminet.net>
- 23) [9087] ARRL, FCC, do your worse
by MNHopkins <MNHopkins@aol.com>
- 24) [9088] Re: Treasure
by "David, n2zhy" <n2zhy@amsat.org>
- 25) [9089] Re: VFO's
by Stanley Wilson <microres@crl.com>
- 26) [9090] QRPTTF Results
by Ward Hill <w_hill@ns.net>
- 27) [9091] QRPTTF YAR
by flydnq7x@primenet.com (Floyd Smithberg)
- 28) [9092] QRP TTF 98
by Monte Stark <ku7y@dri.edu>
- 29) [9093] QRPTTF Report
by joel malman <malman@world.std.com>
- 30) [9094] QRPTTF from Yellowstone
by marion@montana.com
- 31) [9095] Re: QRPTTF 1998 GA/TN/NC
by Joe Gervais <vole@primenet.com>
- 32) [9096] NON QRP! Re: ARLB028 FCC assigns RM number
by "Paul R. Valko" <prvalko@oakland.edu>
- 33) [9097] Re: QRP-L at Dayton upate
by "Paul R. Valko" <prvalko@oakland.edu>
- 34) [9098] Re: elmer101 - Math
by Niel Skousen <nskousen@scientech.com>
- 35) [9099] my OTHER QRP project...
by Mighty Mik <mitymik@hooked.net>
- 36) [9100] Re: [ForSale-Swap] R.S. SWR/Power Meters ?
by RangerSF5 <RangerSF5@aol.com>
- 37) [9101] Web Page up and running
by peacemkr <peacemkr@wcc.net>
- 38) [9102] RE: Web Page up and running
by peacemkr <peacemkr@wcc.net>
- 39) [9103] Elmer 101
by "C. Lamar Derk" <"n3at@epix.net"@epix.net>
- 40) [9104] QRPTTF results from WB0WQS
by "Kelly Ellison" <kelman@dialnet.net>
- 41) [9105] NorCal Paddle - Available
by Larry Trullinger <kb0emb@tfs.net>
- 42) [9106] NEW CALLSIGNQRP

by "Donald G. Dorn" <ddorn@swbell.net>

43) [9107] RE: Amidon cores at TechAmerica
by Tracy@bytemark.com (Tracy)

44) [9108] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition
(fwd)
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>

45) [9109] Re: NEW CALLSIGN QRP
by Joe Gervais <vole@primenet.com>

46) [9110] QRPTTF-QRP'ers STILL MISSING!
by "Lageson's" <LAGESON@worldnet.att.net>

47) [9111] Metric Call Sign
by "Ken Burrough" <ne0c@1st.net>

48) [9112] ARCI TTF Contest:
by "Lawrence T. Owens" <w4dec@dibbs.net>

49) [9113] Re: QRPTTF-QRP'ers STILL MISSING!
by Joe Gervais <vole@primenet.com>

50) [9114] New Paddle/Survey
by Jack Mc Kie KC2BBW <mjmckie@frontiernet.net>

51) [9115] QRPTTF triggers DEFCON 1
by "Bob Edwards, W4ED" <w4ed@flash.net>

52) [9116] QRP ARCI/FDIM/Membership etc etc
by Jim Stafford W4QO <w4qo@america.net>

53) [9117] Need 4.7 uH inductor
by Ed <edn4pk@voyageronline.net>

54) [9118] SG-2020, first impressions
by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>

55) [9119] Why QRPTTFers Are Actually Trout
by Russ Carpenter <russ@natworld.com>

56) [9120] More Impressions on SG2020
by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>

57) [9121] Elmer101 30+
by Steve Miller <kg7pv@teleport.com>

58) [9122] QTTF Report: WQ2RP
by Ken Newman <n2cq@citnet.com>

59) [9123] Re: SG-2020, first impressions
by "Walter Dufrain" <walter@inlink.com>

60) [9124] QRPTTF'98 at the NQ2RP operation
by nq2rp@juno.com (B/BAMS Club Station)

61) [9125] Re: Elmer101: unused solder point
by Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>

62) [9126] QTTF report
by "Marshall Emm" <mgemm@mtechnologies.com>

63) [9127] DDS and DSP Rx
by Leon Heller <leon@lfheller.demon.co.uk>

64) [9128] QRPTTF and Computer Logging
by Jeff Grudin <grudin@pacific.vdbs.com>

65) [9129] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL
petition (fwd)

- by kh6b@juno.com (Dean W Manley)
- 66) [9130] Source for MRF237 xistor
by "John A. Evans - N0HJ" <jaevals@codenet.net>
- 67) [9131] 38S feedback needed
by "Saad Mahaini" <Saad.Mahaini@MCI.Com>
- 68) [9132] Polypropylene Rope for Guys
by K2UD <K2UD@aol.com>
- 69) [9133] Doug Hauff's Email is DOWN !
by Jerry Parker <jparker@fix.net>
- 70) [9134] Re: Source for MRF237 xistor
by "David D. Meacham" <ddm@datatamers.com>
- 71) [9135] a few xtals fer sale
by cjayheff@erols.com (C. Jay Heffner)
- 72) [9136] FS: OHR 100a 40 meters
by "Steve Zumbrun" <zumbruns@mail.stlukes.org>
- 73) [9137] FS: SST 20 meter rig
by "Steve Zumbrun" <zumbruns@mail.stlukes.org>
- 74) [9138] QRP TTF from Chesapeake
by Rick McNelly <72507.235@compuserve.com>

Date: Sat, 25 Apr 1998 18:19:39 -0500
From: "JUNIUS B FOX" <w5hir@gte.net>
To: <qrp-1@Lehigh.EDU>
Subject: [9065] Treasure
Message-ID: <01bd70a0\$9eec3380\$1c6afed0@w5hir.gte.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep!.. I found another enclosure in a rather unexpected place. While waiting for the xyl to go through every Purse in Wal-Mart, I saw them stacked one on the other. Was it Bandaids Boxes or what. NO!, the tin boxes are well made, resembling the familiar Bandaid box, but these are made by Russell Stover. They are brightly colored with figures of Looney-Tune characters on the outside. Inside is a real chocolate-caramel bar. The cost is rather small, I believe each tin was 99 cents.

Even if you do not have a Wal-Mart store, I am sure you can find these wherever candies are sold. Usable inside measures 3-1/2 by 2 3/8. There is enough room for a neat little QRP rig plus battery and whatever else you might think of.

Hope you find these. I bought four, and I don't eat candy. The lid says "Surprise Tin", which I let the XYL devour the goodies.

foxy w5hir@gte.net

If it ain't broke, don't mess with it!

Date: Sat, 25 Apr 1998 19:38:23 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [9066] Elmer101 Re: Crystal Insulators
Message-ID: <Pine.BSI.3.96.980425193149.19710B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good Tip Gary,
Another couple of ways are to use a Hole punch or Leather punch on a Plastic lid, and a sewing needle to make the lead holes.
I keep a Darning needle epoxey glued into a Wire Nut handle for this purpose.

If lazy like me, just use a strip of Paper Masking Tape over the Ckt bd spot. and punch the holes with wire leds. Paper Tape is cheap and Quick. lasts a long time. I happen to have some made specially for insulating telephone wire from another Life. :^)

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sat, 25 Apr 1998 19:50:53 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [9067] Re: Copper Foil Tape
Message-ID: <Pine.BSI.3.96.980425193830.19710C-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have seen two or three comments on Copper Foil Tape for PCB work.

I must say that some are better than others. There is a commercial brand of Holes and Strips made for reppair of PCBs, but it is a bit pricey.

There is also some made for Wire Tape Antennas. Haven't tried it yet, but might be worth looking into.

What I have tried and which works reasonably well is Copper Foil Tape made for use in "Stained Glass" work. It is reasonably priced and comes in several widths in good sized rolls. Seems like I recall about 36 yards on a roll. I use it with perf board. It can be done with strips and wrap all of the way around the board and overlap about 1/4" then tack solder that end. Then use your finger to rub it down and this will make a small dimple where the holes are located. then take your hole punch tool (A Darning Needle embedded into a Wire Nut and epoxied or hot glued in place) and make the holes for your component leads.

With the right tape and board, you can make some neat Strip Line circuits.

I havn't tried it with SMD yet, but it is a possiability.

Burgular Alarm Tape is also possiable to use, but dosent take the heat as well as the others.

Contact cement and Super Glue is also handy when doing this stuff.

GL

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

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Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sat, 25 Apr 1998 17:11:12 -0700

From: Mighty Mik <mitymik@hooked.net>

To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>

Subject: [9068] it works ;)
Message-ID: <35427B9F.23833F27@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

wow...i managed a whopping 3 contacts for TTF ;)) so my SWL-40+ works,
the ZM-2 tuner works, and i can still remember code.

Congrats to WD7Y for being the first qso with the QRP rig.(and first CW
qso in about 20 years)

Date: Sat, 25 Apr 1998 19:43:50 -0500
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-l@Lehigh.EDU
Subject: [9069] QRPTTF Pix
Message-ID: <35428346.C2E5DC0D@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Took a couple of pictures from my 'border' location..
couldn't play as much as I would have liked to, but
at least did get some RF into the ozone! Had a lot of
fun & got several "corners".

Thanks to all!

Tim W5FN

Pix at: www.inetport.com/~tahrens/qrpttf.htm

(some are kinda big.. sorry)

Date: Sat, 25 Apr 1998 15:31:31 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@Lehigh.EDU>
Subject: [9070] QRP TTF Poor results so far
Message-ID: <01bd7078\$5e912980\$07199e03@luis>
MIME-Version: 1.0

Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0006_01BD705F.3943F180"

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Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Started to call CQ at around 16.30 UTC on 14.060 + - , no one hears me =
with 4 watts !!!
Switched to 21.060 and called CQ many times... no QS0's
Then went to 21.015 and worked a WA7 that was NOT in the contest...but =
could hear me
a solid 559 with my QRP 4 watter.
Just finnished taping Dxers Unlimited's weekend edition at 19.15 UTC and =
will try again !
Maybe our propagation guru NA5N will be right and 40 meters will provide =
a few contacts
for us when the Sun is at a low angle above the horizon.
Other cuban stations trying are C08JY on 14 mHz , C02VQ on 7 mhz, both =
running QR0, and C02HA
running QRP (Frank HA did not told me what band he was going to operate =
)
Abel C06XN will be on 20 and 15 meters.
QRP is becoming popular here and we may soon see more activity using low =
power radios !
72 and please listen for C02KK/QRP during the contest
Arnie
Arnie Coro C02KK
Host of Dxers Unlimited
Radio Havana Cuba
e-mail : inforhc@mail.infocom.etcса.сu
phone: 53-7-814243
phone res: 53-7-301794
Postal address
Arnie Coro
Dxers Unlimited
Radio Havana Cuba
Po Box 6240
Havana
CUBA 10600

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charset="iso-8859-1"
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<DIV>Started to call CQ at around 16.30 =
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using low power radios ! </DIV>

<DIV>72 and please listen for C02KK/QRP during the=20
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<DIV>Arnie </DIV>

<DIV>Arnie Coro C02KK
Host of Dxers=20
Unlimited
Radio Havana Cuba
e-mail : <A=20

href=3D"mailto:inforhc@mail.infocom.etecsa.cu">inforhc@mail.infocom.etecs=
a.cu
phone:=20

53-7-814243
phone res: 53-7-301794
Postal address
Arnie =

Coro
Dxers=20

Date: Sat, 25 Apr 1998 17:50:30 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [9072] QRP TTF Results es Comments
Message-ID: <354284D6.E8D@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy folks:

Well another TTF is history. Conditions were about 1 "S" unit above lousy, as I'm sure most will agree. But, we all did as well as we could with what we had, as usual.

I didn't get to go to the field this year, so thought that I would hand out some points to those hard workin' folks who took the time and energy to habitate those border areas.

I started out on 40, which was very noisy, about S-7 on my Argosy II, so probably missed a few that were buried. I quickly switched to 15M, and was pleasantly surprised to find it opened a bit. It got better as the day went on, but I still had a feeling that it was underutilized.

As we all figured, 20M was the best band of the lot. Sure was tough though making sure that the other person was really in our contest. Between the QRM from the PACTOR BBS's, and the other operating events, just about every QSO was earned the hard way.

The high points for me were:

- 1.) KD7S's *HUGE* signal on both 40 AND 20M. He gave me a nice report too. We just have to find out how he does it!
- 2.) Working AH7R in HI. S-8 to 10/S9.

The spots will be more to our liking next year.

Thanks to all who had to suffer through several repeats.

40 20 15 ALL

QSO's 16 100 9 125

SPC's 7 40 9 56

125 X 5 X 56 X 2 = 70,000 Points

Brian Kassel W5VB0
ARCI # 3623
Phoenix AZ ScQRPions

Date: Sat, 25 Apr 1998 20:55:37 -0300
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>
To: <qrp-L@Lehigh.EDU>
Subject: [9073] C04BM in QRP-TTF Contest
Message-ID: <01bd70a5\$a52dd140\$07199e03@luis>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_003B_01BD708C.7FE09940"

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Content-Transfer-Encoding: quoted-printable

YES... it WAS C04BM, my good friend Crescencio... or just " CHENCHO" as =
we call him
operating on 20 meters during the QRP TTF contest from the " Isla de la =
Juventud" south
of Cuba (ex Isle of Pines) .
"Chencho" loves CW , is a real good electronic technician ... and works =
at the islands's
radio broadcast station "Radio Caribe".
His transceiver can be brought down to about 1 watt, with an output =
control.
But we are both thinking about assembling a nice little QRP rig for 20 =
meters, to be kept there
all the time... maybe he can make another one for 40 meters too.
So.. don't worry... it was not a bootlegger... C04BM does exist and he =
is going to be , in the
near future a very good QRP operator...

Arnie Coro C02KK
Host of Dxers Unlimited
Radio Havana Cuba

e-mail : inforhc@mail.infocom.etecsa.cu
phone: 53-7-814243
phone res: 53-7-301794
Postal address
Arnie Coro
Dxers Unlimited
Radio Havana Cuba
Po Box 6240
Havana
CUBA 10600

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charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

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</HEAD>

<BODY bgColor=3D#ffffff>

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<DIV>all the time... maybe he can make another one for 40 =
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too. </DIV>

<DIV>So.. don't worry... it was not a bootlegger... C04BM =
does=20

From: LYN <designserv@ipass.net>
To: slee@u.washington.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9075] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition (fwd)
Message-ID: <3542B721.C20176E0@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stephen Lee wrote:

> Food for thought....what does it mean for the US QRP op?
> de AB7HI, Stephen Lee, Federal Way, WA
>
> ----- Forwarded message -----
> ZCZC AG28
> QST de W1AW
> ARRL Bulletin 28 ARLB028
> >From ARRL Headquarters
> Newington CT April 24, 1998
> To all radio amateurs
>
> SB QST ARL ARLB028
> ARLB028 FCC assigns RM number, seeks comments on ARRL petition
>
> The FCC has assigned a rulemaking number, RM-9259, to the ARRL's
> request for an FCC declaratory ruling equating band plan compliance
> with good amateur practice. The action is considered a bit unusual
> since RM numbers generally are assigned only to petitions for
> rulemaking, not to requests for a declaratory judgment.
>
> The League's April 3 request asks the FCC to affirm that amateur
> operation that conflicts with established voluntary band plans and
> causes interference or adversely affects those operating in
> accordance with applicable band plans would violate FCC rules. The
> ARRL wants the FCC to acknowledge that hams should be familiar
> with--and should abide by--voluntary band plans applicable to the
> bands they operate and to state that those who don't operate in
> harmony with those plans are not operating ''in accord with good
> amateur practice.''
>
> Comments on the League's request are due to the FCC by May 21. A
> complete copy of the League's petition may be found on the ARRLWeb at
> <http://www.arrl.org/announce/declreq.pdf>.

When I first heard about this move, my first thoughts were that it was a badidea. Now that I have had time to consider it more fully, I REALLY feel that it is a BAD idea, whose time should not come!

I sincerely hope someone can suggest the best way to combat this procedure. Band plans should remain sort of an agreement between gentlemen. Certainly, there will be a few uncivilized types who fail to comply and do so with malicious intent, but still, band plans should be more flexible than formal laws and the bureaucrats who administer the written band plan should not be elevated to the status of dictators. This law would stunt the growth of ham radio.

My \$.02

Lyn, W4WDN

Date: Sat, 25 Apr 1998 21:26:43 -0700
From: LYN <designserv@ipass.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9076] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition (fwd)
Message-ID: <3542B783.86746672@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> Hi Stephen,
>
> I feel very strongly about this.
>
> The last thing we want are more regulations! The FCC will not enforce
> any that they now have so why make more?
>
> The FCC is nothing but a toothless tiger with no enforcement. They don't
> care about bootleggers in the ham bands. They don't care about license
> class vs. sub band issues. They don't care about having meaningful call
> signs. I'm not sure that they really care about amateur radio!
>

> The ARRL with it's 00 program feels the same way. They will not even
> consider disallowing DX contacts for sub band violations, too much
> power, lack of "good amateur practice" and etc. Ditto with contest
> violations! In fact, the ARRL has just now started checking contest logs
> for errors!! But they only look at about the top ten in each class.
>
> They can't even bother to enforce their own contest rules so I guess we
> shouldn't be surprised that they don't worry about the other things
> either.
>
> Without fear of enforcement, why should anyone worry about what the law
> has to say?
>
> Does anyone here really think a term like "good amateur practice" means
> anything? The courts can't even define pornography!
>
> No, we don't need to waste our time and money on something this silly.
>
> The ARRL shouldn't be wasting my membership money on it either when they
> know that nothing good will ever come from it!
>
> Well, maybe some good for them.... some PR to make the easily impressed
> think that they are doing a good job!!
>

Well said, Ron.

We should all oppose this to the fullest extent possible!

Lyn, W4WDN

Date: Sat, 25 Apr 1998 21:36:13 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9077] RE: Radio Cuba
Message-ID: <01bd70b3\$b2a72fc0\$3d5445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found it!

Thanks

Date: Sat, 25 Apr 1998 20:52:09 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9079] SST Info
Message-ID: <35429348.BF0E2E34@alltel.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think there where a couple of web-sites that had info and mods on the SST.

Could someone please point me in the right direction?

Thanks and 73 de w5jay or just Jay..

w5jay@alltel.net
Jay Bromley
Fort Smith, Ar.

Date: Sat, 25 Apr 1998 22:02:47 -0400
From: "Bob Edwards, W4ED" <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [9080] QRPTTF 1998 GA/TN/NC
Message-ID: <354295C7.37DBA8A4@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a great day (wx) to drive into Northern Georgia and then operate QRP CW. It took approx 2.5 hours to get to GA/TN/NC. Had plenty of QRP enjoyment during 4 hours of operation. Temps were rising like in Bubba'test, but it felt good.

Sure liked the propagation during Spring ARCI contest better. Didn't hear but one weak signal on 15m. Had to struggle for each QSO on 40m.

Used the same setup as FYB0 so same pix on my www page covers the rig, ant & vehicle. How can I get a neat yellow QRP fire-truck too ?? W5FN, in which contest did you win that ??

Only heard my neighbors twice (GA/NC/SC) but they didn't hear me. Probably because of my vertical ant & its low angle.

Rig FT-840, Battery was 120 AH deep cycle, Ant was sort of a SLV. All QSOs were on 20 or 40 m.

Raw score :

QSOs 67 x 5 = 335

S/P/C 39
Field QTH 4
Corners 3
total 156,780

Thanks to Joe/AB7TT & NorCal for the fun twist to QRPTTF.

And Joe, I finally got your call right, TKS for the RPTs,

must have been the QRO-QRM ... (yah, sure Bob, check both ears)

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

```
      /|
     / |
    /  | \
   /| / E | \
  /_|/____|__\
 [ \-----/ ]
```

Date: Sat, 25 Apr 1998 21:01:49 -0500
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [9081] QRP - TTF QRN
Message-ID: <3.0.1.32.19980425210149.0069071c@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Had everything already to go Saturday morning. The NW-20 was working fine running from a 12V Gel-Cell. Then the noise started. As the temperature climbed and things dried out, the power line noise increased. By 1600 I was able to hear only occasionally for about a minute or two at a time. I did work three stations in the first hour but by 1700 the noise level was solid S7 to S9. Now I know for sure I need to get a noise cancelling unit. Oh well, next time -- sure sounded like it was going to be a good contest otherwise.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Sat, 25 Apr 1998 22:30:46 -0400

From: mike czuhajewski <wa8mcq@abs.net>
To: QRP forum <qrp-1@Lehigh.EDU>
Cc: Mike Czuhajewski <wa8mcq@abs.net>
Subject: [9082] Amidon cores at TechAmerica
Message-ID: <35429C56.3052@abs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I got a TechAmerica flyer today, and see that they have added Amidon toroidal cores to their line. I wasn't too excited when I saw the powdered iron prices, though, which are decidedly on the HIGH side compared to other places. I didn't even have to look at anyone else's price list to realize that :-). I checked the Bytemark price list (bytemark.com/amidon) to make sure that powdered iron prices haven't gone thru the roof since the last time I checked, and they hadn't. The TechAmerica prices on ferrite toroids are about the same as Bytemark, but the TA powdered iron prices are decidedly higher. As always, where you buy something can be based on factors in addition to price, but I'd still compare prices first :-)

Standard disclaimers; no interest in Bytemark, and certainly no interest in TechAmerica :-)

BTW, don't assume that if you're buying from a surplus house that you're automatically getting the best prices either. A local QRPer pointed out to me on the phone tonight, as he has several times, that a well known surplus dealer charges more for certain types of transistors than do places like Allied and Newark. Some popular transistor types are available from these places "dirt cheap" nowadays and you have the additional advantage that they are prime, new stock. Of course you have to factor in the minimum order that some of these places have, which can be \$25 or \$50, so it may not pay to order the cheaper parts unless you're making a big buy already.

--

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net

Date: Sat, 25 Apr 1998 19:32:24 -0700
From: "Roy Lincoln" <wa4dou@mailexcite.com>
To: qrp-1@Lehigh.EDU
Subject: [9083] QRP-TTF
Message-ID: <JACAGJMDICACAAAA@mailexcite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Gang,

Had great fun today in TTF but the solar absorbtion was very high for the first half of the event and my antenna was very high with a very low angle of radiation. Few

qso's till well after 2000Z. I was solar powered with gel cells and made the following

score:

37 qso's X 5 points= 185 X 23 SPC's = 4255 X 4(field)=17,020.

Although i did make 4 qso's on 40 meters i am only counting my 20 meter band entry.

Rig= OHR Explorer II @ 2 watts output.

Antenna was a 40 meter sloper @ 85' at the center.

Thanks to all who i worked!

73 Roy WA4DOU

Free web-based email, Forever, From anywhere!

<http://www.mailexcite.com>

Date: Sat, 25 Apr 1998 09:37:52 -0500
From: "Bruce Barley" <lbbbarley@feist.com>
To: <qrp-1@Lehigh.EDU>
Subject: [9084] FCC: Band Plans => Allocation Revisions ??
Message-ID: <199804260237.VAA01129@wichita.fn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello, All

With the ARRL having finally prodded the FCC into formally looking into their pet subject of "Band Plans", I am concerned that Pandora's Box has been sprung wide open.

Investigations of "Band Plans" may well lead into investigating spectrum utilization. In other words, does there really need to be 50% of 80m and 40m (ie: 7.000 - 7.150 & 3.500 - 3.750) specifically reserved for CW, RTTY and DATA? Almost half of 20m, 15m and look... a whole 300 KHZ ON 10 METERS !

New digital technologies allow many more signals to be packed into a given

spectrum allocation and besides think of all the new equipment the mfg's can sell. Isn't CW going the way of the spark gap, anyway? Why, with New Zealand and others in the lead, isn't the upcoming WARC going to do away with mandatory CW proficiency for licensing? After all. If Morse Code isn't good enough for our military, and commercial shipping any more, why bother? Just pass around the spectrum to someone who can really put it to better use! Oh, we may leave 50kc or so on a couple of bands for the Old Boys to diddle with, but with the high bands opening up there's the potential for so much COMMERCIAL DEVELOPMENT ! Just squeeze those amateur hobbieists down another 100khz or so and SELL THE REST! Why, we can realign 40m to coincide with the EU, and get a lot of \$\$ from International Broadcasters for some really choice North American frequencies.

Folks: THIS is what worries me much more than the fact that the ARRL is dinking around with some silly little band plan or the other. Now that the ARRL has gotten this mess opened up for reconsideration in Washington, all bets are off. Keep on top if this issue as it develops, and stay in contact with every friend we have in a legislative or regulatory capacity. We're going to need them all before this is over with. As we leave the 20th Century, Ham Radio may never be the same again for any of us.

Bruce KB0PZD qrp-1 # 69
lbbarley@feist.com

Date: Sat, 25 Apr 1998 21:40:26 -0500
From: Frank Kienast <fgk@iquest.net>
To: qrp-1@Lehigh.EDU
Subject: [9085] Re: QRP TTF - Novice participation!
Message-ID: <35429E9A.4A99@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joe Gervais wrote:

>
> Howdy Sam and Folks,
>
> Sam (KA5OAI) wrote:
> >
> > Our resident newbie Frank <KB9QEI> has stated that he will be rock bound
> > on: "I will be limited to 7112 to 7116 in the Novice band, so will not be
> > able to participate in the contest, but if anyone by chance tunes up that
> > far in between contesting I hope to be able to contact you."

Well, I'm happy with the way things went for me today. I only had about

two hours on the air due to many other chores that came up, but I still managed to have two QSO's. One of which was with someone from my home state of Virginia. I listened in on the contest as well, and was surprised at how easy it was to copy many stations running QRP (Easy as far as signal strength, that is. Code speed was another matter for me, but I did copy a dozen or so states and calls.).

> I just figure that many new hams aren't that interested
> in contests (I sure wasn't when I was a Tech+!) and we
> upgrade our N/T+ members so fast, there aren't that many
> to find in the first place. :(
>

After listening around 7040 today and for the past week or so, I can hardly wait to upgrade. I hear plenty of calls with /QRP. By contrast, I've never heard /QRP on the 40 meter Novice band except when I was the one calling with it (and then, my responses were from higher-class hams). I think Novice is supposed to be a training area, meant for getting your code speed and contact skills up. Trying to learn how to make contacts while at the same time using an experimental or QRP setup, as I have found out, is difficult. It is understandable that most Novice / Tech Plus hams are busy enough trying to master techniques that they for the most part would not be interested in things like experimental setups or contests.

If the General and higher class bands are where the QRP is, then that is reason enough for me to upgrade. Besides, who wants to stay at 5 WPM forever? You can't rag chew very well at that slow of a pace. The code speed part, which is the only thing holding me back, should come naturally and out of necessity with QSO experience.

So in summary, I do not feel at all "left out" by the fact that most of the contest took place in bands I can't use. Right now, having a QSO is as rewarding and as much an accomplishment for me with my limited experience and setup as scoring high might be for someone else on the list.

Frank Kienast
KB9QEI

Date: Sat, 25 Apr 1998 22:58:16 -0400
From: "Jon P. Beckett" <jbeckett@illuminet.net>
To: radman@best.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [9086] VFO's
Message-ID: <3542A2C8.FE9CE1B@illuminet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Help!!!

I have built several tube reproduction transmitters (era 1940's) that have been Xtal controlled. When I try to substitute a VFO for the Xtal the TX doesn't work. Anybody know why?

Thanks to all

Jon (AD4AB)

Date: Sat, 25 Apr 1998 22:58:14 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-L@Lehigh.EDU
Subject: [9087] ARRL, FCC, do your worse
Message-ID: <b07ca58d.3542a2c8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I cannot say that I care if The Powers That Be drop CW allotments enirely (altho thats all I work) or compress us to a cobweb's width on 40M.

You can bet they won't take 6M, even we don't want it, and that would be the place to rebuild amateur radio. Wide open for propogation, homebrewing and any mode you wish. It is Valhalla as the rest goes Goterdamarung.

Der Tag!

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Sat, 25 Apr 1998 23:02:46 -0400
From: "David, n2zhy" <n2zhy@amsat.org>
To: qrp-1@Lehigh.EDU
Subject: [9088] Re: Treasure
Message-ID: <3542A3D6.9BC@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

More treasures!

Try the Hallmark card store for similar enclosures with BATMAN AND
SUPERMAN!!!!!!

And Russel Stover too.

72
David,n2zhy

JUNIUS B FOX wrote:

>
> Yep!... I found another enclosure in a rather unexpected place. While
> waiting for the xyl to go through every Purse in Wal-Mart, I saw them
> stacked one on the other. Was it Bandid Boxes or what. NO!, the
> tin boxes are well made, resembling the familiar Bandid box, but
> these are made by Russell Stover. They are brightly colored with figures of
> Looney-Tune characters on the outside. Inside is a real
> chocolate-caramel bar. The cost is rather small, I believe each tin was 99
> cents.
> Even if you do not have a Wal-Mart store, I am sure you can find these
> wherever candies are sold. Usable inside measures 3-1/2
> by 2 3/8. There is enough room for a neat little QRP rig plus battery
> and whatever else you might think of.
> Hope you find these. I bought four, and I don't eat candy.
> The lid says "Surprise Tin", which I let the XYL devour the goodies.
>
> foxy w5hir@gte.net
> If it ain't broke, don't mess with it!

Date: Sat, 25 Apr 1998 20:08:14 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>

To: "Jon P. Beckett" <jbeckett@illuminet.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9089] Re: VFO's
Message-ID: <Pine.SUN.3.91.980425200705.23375B-100000@crl2.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

some xtal osc have a cap in parallel with the xtal. IF you feed the VFO
into the same socket those caps will act as shorts. remove parallel caps.
de stan ak0b

On Sat, 25 Apr 1998, Jon P. Beckett wrote:

> Help!!!
>
>
> I have built several tube reproduction transmitters (era 1940's) that have been
Xtal controlled. When I try to substitute a VFO for the Xtal the TX doesn't work.
Anybody know why?
>
> Thanks to all
>
>
> Jon (AD4AB)
>
>
>

Date: Sat, 25 Apr 1998 20:23:21 -0800
From: Ward Hill <w_hill@ns.net>
To: qrp-l@Lehigh.EDU, vole@primenet.com
Subject: [9090] QRPTTF Results
Message-ID: <103130300b1686534b684@[207.159.15.142]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Joe and Gang,

WA6FUH went to the field with an OHR 100A on 20 meters and a NorCal 40A on
40 meters. The radiating department was held down by a SLV/W6MMA with 20
radials on 40 and 16 on 20. A Tick-2 EMB and a NorCal Paddle completed the
station. A PowerSonic 26 Amp Gel Cell powered the whole thing. Thank God
for the OHR 100A, since 40 was almost useless here in California.

We had a very cold North wind which made for stiff fingers on the paddles. Thanks to all that braved my CW with frozen fingers. Too bad the bands here were not any better. All in all I had a great time. Let's do it again with warmer temps.

Does the border between the cities of Roseville and Rocklin count. . . .Well I had to ask.

I had a total of 30 QSOs, all but 4 were on 20 meters.

Operated were:

	BAND	SPC	QSO	POINTS	TOTAL	
AB5VA		20 NM	5		5	
N7UXS		20 AZ	5		10	
N7KE	20	WA	5	15		
WA0KWL		20 CO	5		20	
WU0L	20	CO	5	25		
WA20CG		20 WA	5		30	
K7LF	20	WA	5	35		
W0YSE		20 UT, WYO		10	45	
KK6MC		20 AZ, CO, UT, NM		20	60	
KD6CEE		20 UT	5		65	
N7MOB		20 WA	5		70	
WA2IPZ		20 AZ, NV		10	80	
W6RA	40	CA, OR	10		90	
N7CEE		40 AZ, UT, NV		15	105	
K6ZNI		40 CA	5		110	
WA7LNW		20 AZ, UT		10	120	
N7KT	20	AZ, UT, CO, NM		20	140	
KG7PV		20 OR	5		145	
WB7AEI		20 WA	5		150	
NA5N	20	AZ, NM, CO, UT		20	170	
NU6SN		40 CA	5		175	
KG0KR/M		20 NEB	5		180	
N7CQR		20 OR	5		185	
W5VBO		20 AZ	5		190	
W7CD	20	WA	5	195		
AB7TK		20 ID	5		200	
AA7QU		20 OR	5		205	
W0QF	20	MN	5	210		
W6IEU		20 CA	5		215	
WB2HEK/M	20	NJ	5	220		

Total Points = 220

SPC for 20 Meters = 18

SPC for 40 Meters = 5

SPC Total = 23

Location = x4 (field operation & battery power)

Final score = QS0 points x SPC x Location x Border Operator
= 220x23x4
= 20,240 Points

72,

Ward Hill, WA6FUH

Engineer at KQVR, Channel 13 (CBS), Sacramento, CA

Life Member ARRL 10-10 #27139 QRP-L #1117 AK/QRP #249

All QRP, All home built/home brew equipment

w_hill@ns.net

WA6FUH@KM6PX.#NCA.CA.USA.NOAM

Date: Sat, 25 Apr 1998 21:14:22 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.EDU
Subject: [9091] QRPTTF YAR
Message-ID: <199804260414.VAA08487@smtp04.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

So who needs another report? Anyway, op from home, started late...finished early and worked 66 Qs between interruptions. Checked 15 & 40 but they sounded even worse than 20 so did a single bander. No HI or AK but got C04BM and 9 corner stations. All logging and keying on my HP200LX with TR6.23...great combo.

Band	QS0s	Mults	Points
20CW	66	30	330

Score 66 x 5 x 30 x 2 = 19,800

TS850 5W, 3 el Triband

Home qth

Single op

72/73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343

ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=130

Date: Sat, 25 Apr 1998 21:14:55 -0700
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [9092] QRP TTF 98
Message-ID: <3542B4BF.1B99FB2B@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I only had the last hour to play today. But I did have fun. It's always nice to hear so many friends having a good time.

Good sig's on 20 and 40. I did hear some people on 15 but didn't get there to call anyone in time.

The plan was to stay on 20m with the main rig and keep the second radio calling on 15. But the second radio is hooked to the vertical. It's a DX77 at 30'.

I listened to a station on 15 that was 5 over S9 on the yagi and he was under the noise on the vertical! Noise on that antenna was about S5. There was just no place to use that antenna so I shut the second radio off!

Looks like the second yagi is needed badly on the big tower. Will put it at the 60' mark and see what happens....

Did get 17 QSO's, two of which were on boarders.

I heard the crew at 4 corners. They were over S9. I was just getting set up and figured that it will be easy to get them..... well, you got it, I never heard them again!!

Congratulations to all and please everyone, make sure your logs are in a nice format for Joe to work with..... this kid is gonna be busy!!

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49

AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Sun, 26 Apr 1998 00:49:19 -0400
From: joel malman <malman@world.std.com>
To: qrp-1@Lehigh.EDU
Cc: malman@world.std.com
Subject: [9093] QRPTTF Report
Message-ID: <199804260449.AA29692@world.std.com>

Folks,

Worked QRPTTF from the border of RI/MA. The bands were pretty bad!

- . 15 meters was completely DEAD
- . 20 meters was sort of OK, but signals were way down
- . 40 meters was QRN city !!

Scoring: 270 QSO Points and a total of 32 SPC's

Final score: 270 (QSO) x 32 (SPC) x 4 location x 2 border = 69,120

Best DX: ON5 (Belgium), UT, AZ, OR, ND, SD, and a whole lot of other states.

/joel wa1qvm

Date: Sat, 25 Apr 1998 23:57:13 -0600 (MDT)
From: marion@montana.com
To: qrp-1@Lehigh.EDU
Subject: [9094] QRPTTF from Yellowstone
Message-ID: <199804260557.XAA08646@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well I am sort of glad to here that propagation was the major cause of my getting only 14 contacts. The elk, moose and bison could of cared less, but did astonish two park rangers that I was making any contacts with a handfull of gear. One even helped me find the exact border of MT/WY. Was a fun day all round. 72 Roy AB7CE

Date: Sat, 25 Apr 1998 22:13:28 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [9095] Re: QRPTTF 1998 GA/TN/NC
Message-ID: <199804260513.WAA13994@usr01.primenet.com>

Bob (W4ED) wrote:

>
> Thanks to Joe/AB7TT & NorCal for the fun twist to QRPTTF.

Thanks to all you guys for showing up and making it fun! Stubborn flu kept me home (well OK, my wife kept me home because she swore I was green...), but did my best from the home station.

> And Joe, I finally got your call right, TKS for the RPTs,
> must have been the QRO-QRM ... (yah, sure Bob, check both ears)

Ya know, I think I've been mistaken for Randy AB7TK more times than mere coincidence should account for. Is he paying all you guys off or what? :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager,
NorCal QRP, AZ ScQRPions, and many other fine,
furry groups....

"And that, my Liege, is how we know the Earth
to be banana-shaped." -- Monty Python and the Holy Grail

Date: Sun, 26 Apr 1998 01:18:31 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Monte Stark <ku7y@dri.edu>
Cc: QRP List <qrp-1@Lehigh.EDU>
Subject: [9096] NON QRP! Re: ARLB028 FCC assigns RM number
Message-ID: <Pine.OSF.3.95.980426005912.21045B-1000000@saturn.acs.oakland.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Monte,

Your post was very close to my own thoughts! Two things struck me as odd thought...

I held WB8ZJL for twenty-one years until the vanity calls were finally available so this quote,

"They don't care about having meaningful callsigns."

coming from someone with what *I* considered one of those, "new-fangled metric calls" made me grin. :-)

and...

"The courts can't even define pornography!"

I'm happy for that. I'm concerned that the courts can't define MURDER, by allowing "twinkie" and "poor childhood" defenses.

Like you, I don't like the sound of this RM. It has all the elements of an, "the end justifies the means" philosophy. The ARRL has good intentions but the cure is probably worse than the disease.

You no doubt have heard the phrase, "I love my country... but I fear my government."

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<http://www.acs.oakland.edu/~prvalko>

ObQRP : The only border *I* got to operate from today was my neighbor's, and my rig was a big-old saw and snips as we cleared a ton of brush.
<sigh>

Date: Sun, 26 Apr 1998 01:38:30 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [9097] Re: QRP-L at Dayton upate
Message-ID: <Pine.OSF.3.95.980426013605.21045C-1000000@saturn.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Through the magic of computers... members sorted by member number!

KT3A	7
KU7Y	17
N9DD	32
W4RNL	37
AE4IC	54
W8KC	59
G3MFJ/AB7VN	66
W4DU	70
AD6AY	92
NF3I	147
W6RCL	154
K8IQY	181
W8RU	188
K1CL	217
WA2ECP	234
K8DD	246
N8VAR	263
AC5II	264
W4QO	267
K0QD	287
K8IDN	331
N2GO	381
W5RXP	461
WD4ET	551
W8DN	575
N3XRV	655
KA0GKC	719
WA6GER	738
N9UKX	741
N4XY	758
K8AQZ	876
KC5FMZ	910
KA8OKH	933
KA8OKH	933
KI8CZ	945
KF00V	1004
KC4MHM	1010
N8GKQ	1067
WA6FUH	1117
N0QT	1148

WB9HFK	1159
W5JAY	1201
N9TA	1215
AA10F	1217
AC4XS	1265
N9QIL	1416
N4LGH	1453
AB5PC	1467
KB8USZ	1473
K0BC	1523
NE0C	1524
WB2DVX	1528

73! =paul= W8KC
 Collector of Ten*Tecs and other fine plastics

<http://www.acs.oakland.edu/~prvalko>

 Date: Sat, 25 Apr 1998 23:37:32 -0600
 From: Niel Skousen <nskousen@scientechn.com>
 To: bmug@gwl.com, qrp-1@Lehigh.EDU
 Subject: [9098] Re: elmer101 - Math
 Message-ID: <v04003a01b168718d2d59@[205.180.127.180]>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

Hi Brad, lets see if we can walk back through this....

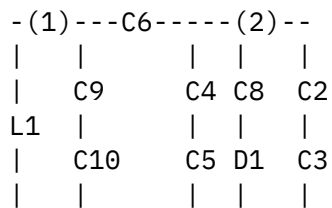
first lets agree on a couple of conventions...

a) lets represent the series capacitance operation, $1/(1/c+1/c+...)$ as the operator (||), note that this is the same as resistors in parallel. Also two forms of exponential notation will help in ascii, 10 pf = 10E-12 = 10×10^{-12}

b) since my ascii art is miserable to say the least, lets redraw the schematic in words the same way it would be done in a spice or ARD simulation, that is by series and parallel connections to numbered nodes. You'll probably want to do this w/ pencil and paper... To do this we'll agree that node 1 is the first node and we'll connect the inductor L1 there. A node is simply a point in the circuit where things are connected together. Node 0 is usually ground. the other numbers will fall out shortly.

Since we're redrawing this to see the VFO LC pieces we'll ignore all others for just a minute....

L1 is connected from node 1 to node 0, or "IND 1 0 <value>; L1"
 C9 is in series with C10, connected from node 1 to 0
 C6 is in series from node 1 to node 2
 C4 is in series with C5, connected from node 2 to 0
 C8 is in series with D1, connected from node 2 to 0
 C2 is in series with C3, connected from node 2 to 0



we could also designate nodes between each series cap element (and would need to for any simulation input. Also, the note that the series combination of C9-C10, C4-C5, and C2-C3 are used to match impedance by a technique called a capacitive split. A capacitive split works analagous to a tapped transformer. more on that later...

Now, the total capacitance can be written (remember the || notation) as:

$$C_t = (C_9 || C_{10}) + C_6 || ((C_4 || C_5) + (C_8 || D_1) + (C_2 || C_3))$$

Using circuit values for the SW30+, and assuming D1=120pf

$$C_t(\text{pf}) = (9.64) + 3300 || (1650 + 60 + 8.25) = 1140 \text{ pf, or } 1140\text{E-}12$$

$$F = 1 / (2 * \pi * f) (L * C)^{1/2} \quad \text{and} \quad L = 1 / (2 * \pi * f)^2 * C$$

$$\text{So for } 10.12 \text{ Mhz w/ IF} = 7.68 \text{ Mhz, } L_0 = 10.12 - 7.68 = 2.44 \text{ Mhz}$$

$$L = 1 / ((2 * 3.14 * 2.44\text{E}6)^2 * 1140\text{E-}12) = 3.736\text{E-}6 \text{ or } 3.736 \text{ uh}$$

See if this all makes sense, tomorrow I'll run through the inductor turn calc's and the concept of the capacitive split (w/o major numbers !!)

Niel

Date: Sat, 25 Apr 1998 23:54:30 -0700

From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [9099] my OTHER QRP project...
Message-ID: <3542DA26.B6CA73B3@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

it seems (to me) that CW and QRP are closely connected...but i have had a project on the boards for some time that is under 5 watts. it involves sending a CCD camera, ATV transmitter, and IDer up in a rocket.

the CCD cam runs about \$70 or so (b&w), the transmitter about \$100 or so, and the rocket i havn't decided on yet, though it will probably be fiberglass, and 3" dia. I already do rockets, but what i want is antenna that will fit in the nose cone with NO protrusions.

-WD8MNV/6

Mick (guess i need a .sig)

Date: Sun, 26 Apr 1998 03:16:07 EDT
From: RangerSF5 <RangerSF5@aol.com>
To: dick@libelle.com, forsale-swap@qth.net, qrp-1@Lehigh.EDU
Subject: [9100] Re: [ForSale-Swap] R.S. SWR/Power Meters ?
Message-ID: <9e95bf61.3542df39@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-04-26 02:19:39 EDT, you write:

<< Subj: RE: [ForSale-Swap] R.S. SWR/Power Meters ?
Date: 98-04-26 02:19:39 EDT
From: dick@libelle.com (Dick Flanagan)
Sender: owner-forsale-swap@qth.net
Reply-to: dick@libelle.com (Dick Flanagan)
To: ronnlolf@email.msn.com (Ronald L Bouthillier Jr.)
CC: n1btq@tiac.net (Tim Smith), forsale-swap@qth.net (Forsale-swap News Group)

Try <http://www.radioshack.com/Support>

At 9:34 PM -0800 4/25/98, Ronald L Bouthillier Jr. wrote:

>I get a 404 not found at this address.
> >>
I got it no problem but I didn't type in the "/support"
Bob
WA2HOQ

Date: Sun, 26 Apr 1998 03:35:44 -0500
From: peacemkr <peacemkr@wcc.net>
To: "ham-java@qth.net" <ham-java@qth.net>, "ham-web@qth.net" <ham-web@qth.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9101] Web Page up and running
Message-ID: <3542F1E0.218B7BCF@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Folks,
I have just completed the DHTML part of my new Ham Pages.
<http://www.qsl.net/ka5oai>
Please check them out and send me ur comments.

TNX & GB
de
Sam KA5OAI
QRP-L #1505
San Angelo,Tx.
<http://www.wcc.net/~peacemkr>
work in progress:
<http://www.qsl.net/ka5oai>

Date: Sun, 26 Apr 1998 03:44:08 -0500
From: peacemkr <peacemkr@wcc.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9102] RE: Web Page up and running
Message-ID: <3542F3D8.A1E46AC5@wcc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hummm seems I spoke to soon .. just checked it using IE4 & there are still bugs
..

Also I appologize for the multiple posts .. don't know what I did wrong

there.

de Sam

Date: Sun, 26 Apr 1998 07:17:24 -0400
From: "C. Lamar Derk" <"n3at@epix.net"@epix.net>
To: qrp-l@Lehigh.EDU
Subject: [9103] Elmer 101
Message-ID: <199804261119.HAA24674@mx.epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who replied to my question re elmer 101 - It's a great idea!!! Wish I had known about it sooner - it would be fun to be involved.

72 de Lamar, N3AT

Date: Sun, 26 Apr 1998 19:24:54 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [9104] QRPTTF results from WB0WQS
Message-ID: <199804261225.HAA20832@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Good to hear so much activity even though the bands were not in very good shape.

I worked from the Home QTH and my family let me run 7 hours of the test. The equipment was Icom 706 at 5 watts into a 280 ft loop or a R-5 Vertical tuned with a LDG tuner. Worked 116 stations total and 21 border operations on 40 and 20 meters. ...Worked many familiar calls from QRP-L. Thanks to Norcal and QRP-L for the promotion and growth of QRP activities like this. Also thanks to the ops who set up and provided the border stations.

Best Regards,

Kelly Ellison

WB0WQS
QRP-L #702

Aurora, Missouri
The Summit City of the Ozarks

Date: Sun, 26 Apr 1998 07:54:44 -0500
From: Larry Trullinger <kb0emb@tfs.net>
To: qrp-l@Lehigh.EDU
Subject: [9105] NorCal Paddle - Available
Message-ID: <3.0.5.32.19980426075444.0079f9c0@tfs.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wondering if the NorCal paddles are still available in kit form? Might be a nice addition, MFJ doesn't transport easily. Have the Whiterook mini's for backpacking but looking for a little heft in portable use. Thanks in advance for the info.

Larry

Date: Sun, 26 Apr 1998 08:01:36 -0500
From: "Donald G. Dorn" <ddorn@swbell.net>
To: QRP-L@Lehigh.EDU
Subject: [9106] NEW CALLSIGNQRP
Message-ID: <35433030.6373E9CA@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Want all my QRP friends to know that I have a new call. KJ5MG is kaput. I'm now K5AAR..Also had lots of fun in yesterday's QRPTTF. Dave,W0CH , Joe, KW5OK, and I set up at the end of a dead-end road around a stone monument which marks the intersection of OK, KS, MO. We didn't have the highest score but I bet we had the strangest request from passersby. All day people drove down the road to our site asking for directions to the place where a chicken fight was being held. Guess some folks are hard up for entertainment.
72...Don K5AAR

Date: Sun, 26 Apr 1998 10:10:57 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [9107] RE: Amidon cores at TechAmerica
Message-ID: <01BD70FB.A75AF460.tracy@bytemark.com>

Keep in mind that ByteMark is an AMATEUR run organization ... Purchasing from us vs the large conglomerate supports the cause ... ;)

Our prices are only going down so far, unless a given part is discontinued. We expect some of our ferrite prices to fall shortly, who knows what antics I'll pull at Dayton ... !!

Tracy Markham, N4LGH, #1453
ByteMark / Amidon
Tracy@bytemark.com

-----Original Message-----

From: mike czuhajewski [SMTP:wa8mcq@abs.net]
Sent: Saturday, April 25, 1998 10:31 PM
To: Low Power Amateur Radio Discussion
Subject: Amidon cores at TechAmerica

I got a TechAmerica flyer today, and see that they have added Amidon toroidal cores to their line. I wasn't too excited when I saw the powdered iron prices, though, which are decidedly on the HIGH side compared to other places. I didn't even have to look at anyone else's price list to realize that :-). I checked the Bytemark price list (bytemark.com/amidon) to make sure that powdered iron prices haven't gone thru the roof since the last time I checked, and they hadn't. The TechAmerica prices on ferrite toroids are about the same as Bytemark, but the TA powdered iron prices are decidedly higher. As always, where you buy something can be based on factors in addition to price, but I'd still compare prices first :-)

Standard disclaimers; no interest in Bytemark, and certainly no interest in TechAmerica :-)

BTW, don't assume that if you're buying from a surplus house that you're automatically getting the best prices either. A local QRPer pointed out to me on the phone tonight, as he has several times, that a well known surplus dealer charges more for certain types of transistors than do places like Allied and Newark. Some popular transistor types are

available from these places "dirt cheap" nowadays and you have the additional advantage that they are prime, new stock. Of course you have to factor in the minimum order that some of these places have, which can be \$25 or \$50, so it may not pay to order the cheaper parts unless you're making a big buy already.

--

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net

Date: Sun, 26 Apr 1998 10:21:26 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: designserv@ipass.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9108] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL petition (fwd)
Message-ID: <354342E6.417C@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

LYN wrote:

>
> When I first heard about this move, my first thoughts were that it was a
> badidea. Now that I have had time to consider it more fully, I REALLY
> feel
> that it is a BAD idea, whose time should not come!
>
> I sincerely hope someone can suggest the best way to combat this
> procedure. Band plans should remain sort of an agreement between
> gentlemen.

<snip-snip>

>
> My \$.02
>
> Lyn, W4WDN

I agree with LYN.

My 2 cents.

First, the FCC can't enforce the rules they have now. Why add more?
Secondly, there will probably be added restrictions to QRP (stay in your

own subband little boy) operations.

Third, it stunts my growth as an operator. Half the fun now is whipping the big boys with superior operating skills. If we are limited to operating in our own sub band 90% of the skill requirement of operating QRP will become moot.

I don't think anyone really wants this.

The best way to combat this is

1. Write the FCC and say we don't want this.
2. Write the ARRL and say you shouldn't have done this!
3. Better yet, do both!!!

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364	SCI #1479	QRP-L #945	ARS #203	ARCI #9606
C.A.T.T #2115	FIST 2360	NORCAL	ARRL	

Date: Sun, 26 Apr 1998 07:43:58 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: ddorn@swbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [9109] Re: NEW CALLSIGN QRP
Message-ID: <199804261443.HAA10265@usr05.primenet.com>

Howdy Don and Folks,

Don (K5AAR) wrote:

>

> KJ5MG is kaput. I'm now K5AAR.

Congrats on the new call! I'll leave the obvious
"pirate operator" puns alone. :-) Would make for
a neat QSL theme though.

> All day people drove down the road to our site asking for
> directions to the aplace where a chicken fight was being
> held. Guess some folks are hard up for entertainment.

(Cut to scene in beat-up ol' pickup with hounds in
front seat)

Billy Joe: "What on earth d'ya suppose that boy was up
to with all them wahres an' beeps an' stuff?"

Billy Ray: "No idea, Billy Joe. Guess some folks is hard
up for entertainment. Now get a move-on 'fore
we miss the good fights!"

Hound #3: "Woof!"

As Einstein showed, it's all truly relative to the
observers frame of reference. :-) Glad you had fun!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"We could build a giant wooden badger..." -- Monty Python and the Holy Grail

Date: Sun, 26 Apr 1998 14:50:15 +0000
From: "Lageson's" <LAGESON@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [9110] QRPTTF-QRP'ers STILL MISSING!
Message-ID: <19980426145014.AAA6958@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Traverse County Sheriffs Department will continue thier search this
morning for two Minnesota men reported missing late Saturday night. Larry
(KB0R) and Jim (N0UR), had reportedly traveled to the junction of the MN, ND
and SD borders for a "radio contest". Landowner Olie Olson stated that the
two men had asked permission to park thier Plymouth Voyager mini van in his
field in order to be right on the borders. "These boys seemed alittle odd,

they had wires and tubes all over the place" Olie told reporters, "I was afraid to say no, they seemed so desperate." The trouble started when rain and heavy winds blew into the area early that afternoon, Olie noticed that the mini van seemed to be slowly "slidding" down the hill towards the Boise de Souix River. "They seemed to be OK" Olie stated, "They would jump out and move this tall antenna thing to keep it near the van, they didn't miss a beat, but after supper they were gone." Jens Jenson, a tavern owner in Wheaton, MN says "we see this every year, these city boys come out here and think they can just drive out anywhere in thier little cars, they deserve what they got."

QRP-L members are being asked to check thier logs and try and find out when the last QSO was made with N0UR. This will help in determining how far they may have floated north.

More details to follow.

Date: Sun, 26 Apr 1998 11:25:00 -0400
From: "Ken Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [9111] Metric Call Sign
Message-ID: <003d01bd7127\$8d7bb580\$3bd633d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don, K5AAR wrote:

KJ5MG is kaput. I'm now K5AAR.

Congtrats on the new/old call. My "Metric Call Sign" NE0C was issued 27 Dec 83 about the same time the auto industry went Metric.

Enjoy--NE0C/MCS (Metric Call Sign) ---QRP-L 1524

Date: Sun, 26 Apr 1998 10:58:41 -0500

From: "Lawrence T. Owens" <w4dec@dibbs.net>
To: qrp-l@Lehigh.EDU
Subject: [9112] ARCI TTF Contest:
Message-ID: <354359B1.1681@dibbs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gang,

It was a great contest from Alabama. The border operations were great and a good addition to the contest. Conditions were pretty good from here. The 15 meter band was open to the North East and to the far West. The only trouble with 15 was that there was nobody home. The following goodies were worked on 15 meters. EA8AVN, AH7R, and KH6AFS. CO6XN/QRP was worked on 20 meters. Work a station in New England ,one in Arizona and one in California on 15 meters.

Brickbats: A couple of QRO stations sitting on 14060 for quite a while sending at around 10 wpm. It seemed to me to be deliberate, but I may be mistaken about that. Another problem seemed to be many stations calling CQ on 060 and causing lots of QRM making it difficult to pick out any one station. Everyone seems to be reluctant to spread out a bit, at least down 5 and up 5 where there may be an opening. Another little problem by new operators and some not so new is that after working you on the run frequency they take over and start calling CQ.

Here is my figures for the contest. Not great but not too bad either.

40 Meters	15	QS0s	75	Points	10	SPC
20 Meters	120	QS0s	600	Points	43	SPC
15 Meters	7	QS0s	35	Points	5	SPC

Total 142 QS0s 710 Points 58 SPC

QS0 Points 710 X SPC 58 X HOME 2 = Total Score 82,360

To all you gentlemen out in the field. You did a great job and I worked many of you and some had better than the 559 report that I gave. Great signals from the field antennas. Just shows what can be done with very little equipment.

72/73 to All,

Larry (W4DEC) ARCI 8835, QRP-L, Norcal 2181

Date: Sun, 26 Apr 1998 09:05:24 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [9113] Re: QRPTTF-QRP'ers STILL MISSING!
Message-ID: <199804261605.JAA27920@usr09.primenet.com>

Howdy,

Jim (N0UR) wrote:

>
> Larry (KB0R) and Jim (N0UR), had reportedly traveled to the
> junction of the MN, ND and SD borders for a "radio contest".

Hey, you guys aren't allowed to disappear 'til *after*
I get my ND/SD/MN QSL! :-)) Hope ya stayed dry out there!

> "These boys seemed a little odd ..." Olie told reporters,

Yep officer, that's them alright! :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What... is the airspeed velocity of a fully laden sparrow?!?"

Date: Sun, 26 Apr 1998 11:59:54 -0400
From: Jack Mc Kie KC2BBW <mjmckie@frontiernet.net>
To: qrp-1@Lehigh.EDU
Subject: [9114] New Paddle/Survey
Message-ID: <3.0.1.32.19980426115954.00a37ee8@mail.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In the course of our discussion "Mercury Raises", interest in the possibility of a new high quality magnetic paddle was voiced by a number of qrp-1 folks. Having given this a bit of thought and research I am going to have a go at making a batch of iambic paddles. Some of the design parameters are decided already, such as magnetic action and a very heavy 3-1/2"dia.X 3/4" thick base. Other decisions on design haven't been made as I want to be sure to offer what you would be interested in. What this won't be is a Mercury clone. Like the Mercury it will be high quality with

hopefully an affordable price. Initially I plan to make a batch of twelve. If these are successful and I don't lose my shirt in the process, more will follow.

PLEASE take a few minutes and answer this survey.

- 1)What class is your amateur radio license?
- 2)Normally, how fast do you send code?
- 3)Do you use a straight key, bug, single paddle, iambic paddle?
- 4)What is your favorite key, bug, paddle based on function only?
- 4)What is your favorite key, bug, paddle based on it's appearance.
- 5)If you now own iambic paddles which is your favorite to use?
- 6)Which would you prefer - solid brass base or steel base with black finish? (The steel base would be slightly, about \$5-10 cheaper)
- 7)Would you prefer epoxy saturated wood (fancy grain) or colored (black or red)plastic handles?
- 8)Would you prefer to connect your own cord or would you prefer a cord with 1/4" stereo jack as standard?
- 9)If you already use an iambic paddle what is the spacing of the two handles? Would you prefer the spacing closer together or further apart?
- 10)In adjusting paddles, what would be the maximum gap between the contacts you would want?
- 11)Do you mind using using tools (allen key and small wrench supplied w/paddles) to make adjustments on the paddles?

Thanks for answering the survey! I would appreciate hearing any suggestions, wants, comments, etc.. Please reply to me not the QRP-L list.

Again,

THANKS

Jack

Date: Sun, 26 Apr 1998 12:17:16 -0400
From: "Bob Edwards, W4ED" <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91115] QRPTTF triggers DEFCON 1
Message-ID: <35435E0C.D93AD689@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A stealthy Plymouth Voyager mini van covered in authentic North Dakota river mud has triggered a major international incident. Posing as licensed radio operators, two Americans have been seized just north of the Hudson bay for alleged ELINT activity focused on a yet un-named adversary.

Family members have already registered pleas of innocence and requested mercy on behalf of the two based on their past history of such legal albeit abnormal behavior. One wife went so far as to demand the return of her vehicle with or without the occupants. Said she had a bridge party car pool the next day.

The governments response was swift saying that band plan negotiation had already begun and that these two were operating within their rights on international open waters. However the government disallowed that these two were on any kind of mission and disavowed any knowledge of the QRPTTF ELINT activity.

A major TV news service based in Atlanta had a traffic helicopter shadowing the ELINT vehicle up to the point of its seizure. Helicopter crew observed the two being extricated from their vehicle while still grasping small hand held signaling devices. One crew member noted that the devices appeared to be home made which was further evidence that the mission was extremely important and covert since their radio equipment could not be traced back to any particular government.

One of the two operators made a last minute leap for freedom, however he was re-captured when he diverted his escape route to recover floating sheets of paper. Helicopter crew had no comment on these papers, probably some sort of coded hit list, maybe contact list. What ever these papers were, they were important enough to risk re-capture.

Date: Sun, 26 Apr 1998 12:27:16 -0400
From: Jim Stafford W4Q0 <w4qo@america.net>

To: qrp-1@Lehigh.EDU
Subject: [9116] QRP ARCI/FDIM/Membership etc etc
Message-ID: <35436064.1B83@america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey gang,

Don't forget to check the www.qrparci.org web page and jump to the info on Four Days in May - the biggest event in QRP this year IMHO!! You only have about 3 weeks to still get signed up for all the fun.

Vendors - if you have not reserved your table for Vendor Night Friday, May 15th after the QRP ARCI banquet, please drop me an email to w4qo@amsat.org ASAP or otherwise we will just have to squeeze you in at the last minute and that's OK, but we prefer to be well organized. :)

Attached is a note from our hard working membership chairdude - Dave Johnson, wa4nid@amsat.org

It has a bunch of stuff of interest to members and non members alike. Please reply to Dave on all this stuff and not to me.

Have a nice day and hope to CU at FDIM/Dayton.

--

Jim Stafford, W4QO ->NoGaQRP Group<- RadioActive Schools(sm) -
11395 West Road ->VP - QRP.ARCI<- Using amateur radio as
Roswell, GA 30075 <http://www.america.net/~w4qo> a teaching tool in
770-993-9500 Fax:770-993-8932 Internet: w4qo@amsat.org north Georgia.
QRP-L#267 QRP-ARCI#6515 G-QRP#5588 MiQRP#897 NorCal#1092 CQC#307

REQUEST FROM THE MEMBERSHIP CHAIR of QRP Amateur Radio Club
International,
Dave WA4NID

On behalf of all on the QRP ARCI Board of Directors, I would like to request that all members of QRP ARCI please hold off from making requests about delivery of the QRP Quarterly, unless there is a SPECIFIC PROBLEM with a subscription. Please do NOT make inquiry to me or other Board member about your subscription until say, the first of the month following the issue month. The QRP Quarterly is sent out Third Class mail, and delivery time varies. Many people request information about delivery, when there

is no specific problem with their subscription other than an issue hasn't

arrived by the tenth or the fifteenth of the month. If there is not some other specific problem, please wait to make an inquiry about whether you are still in the data base until you are sure you didn't get that issue, as I end up having to spend many hours answering email telling folks to please be patient. :)

Please understand too that I, and the other members of the Board, wish to provide good service to members. And for specific questions or problems with your subscription or membership, please do contact me, but not for simple inquiries as described above. If the issue month is April, and you haven't received your copy by May 1, then by all means contact me. Do not contact other Board members about subscription problems, as they must relay these requests to me, so contact me directly. But please be patient about QRP Quarterly delivery, OK? BTW we have a procedure in place to replace an issue that is lost due to our shortcomings or that of the Post Office!

Also, remember it is YOUR responsibility to renew ON TIME, and doing so EARLY will provide uninterrupted delivery and cause you and I less hassles.

Thanks, have fun with QRP, and thanks for your support of QRP ARCI !!!

Dave WA4NID
QRP ARCI Membership Chair
email: wa4nid@amsat.org
packet (AX25): wa4nid@wr4agc.#dur.nc.usa.noam

Attachment:

Here is information on sending applications for membership, funds for renewal, and inquiries about membership status, in the QRP Amateur Radio Club International (QRP ARCI).

Ken Evans, W4DU, is the QRP ARCI Treasurer, and all funds for new memberships and renewals for those in North America should now be sent to him. See below for non-North American applicants. Please provide all information shown on the form below, for new member applications AND renewals.

North American applicants please make checks out to QRP ARCI, and send to
Ken at:

QRP ARCI
848 Valbrook Court
Lilburn, GA 30047-4280

Ken may be reached by email at w4du@bellsouth.net

DX Membership (for all non-North American members):
Checks for 13.50 UK pounds ONLY. We can accept Visa / Mastercard at 14 UK
pounds. Make checks payable to "GQRP" (ONLY), and send to:
Dick Pascoe, G0BPS
Seaview House, Crete Road East
Folkestone. Kent CT18 7EG UK

DX Membership funds can also be paid in US Dollars. Send \$20 check or money order to Ken Evans at the above address.

PLEASE NOTE THAT INQUIRIES about membership status, CHANGES OF ADDRESS, or other matters pertaining to membership in QRP ARCI which do NOT involve funds transfers should go to the Membership Chair, Dave Johnson, WA4NID, at the following address:

Dave Johnson
2522 Alpine Rd.
Durham, NC 27707-3820

Dave may be reached by email at WA4NID@amsat.org

Please fill out and return the following form when applying for new membership or renewal of subscription to the QRP Quarterly. Please provide complete and legible information.

.....

New Member/Renewal Data Sheet NEW MEMBER? _____

Full Name _____ CALL _____ QRP ARCI # _____

Mailing Address _____

City _____ State/Country _____ Post Code _____

New Address? _____

New Call? _____

(Optional but helpful:)

Email address _____ Previous Callsign(s) _____

Home Phone (incl. area code) _____

Work Phone (incl. area code) _____

Packet address _____

Check or Money Order in US Funds payable to QRP ARCI (US Dollars sent to Ken Evans) or GQRP (UK Pounds sent to Dick Pascoe). Do not send Cash!!

.....

Currently, membership rates are \$15 for US members, \$18 for Canadian members, and \$20 for DX members, if paid in US Dollars and sent to Ken Evans. See other instructions above for payment of funds to our rep in the UK (for non-North American applicants).

Back issues of the QRP Quarterly are available from Danny K3TKS (k3tk@abs.net), and you can see a recent account of available issues on the web page accessible from the QRP ARCI home page at <http://www.qrparci.org> (follow the link in the menu!)

Please let me know if you have any questions, and thanks for your support of QRP ARCI !!!

Sincerely,

Dave WA4NID, QRP ARCI Membership Chair

Date: Sun, 26 Apr 1998 12:36:24 -0400
From: Ed <edn4pk@voyageronline.net>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [9117] Need 4.7 uH inductor
Message-ID: <35436288.CCDBF5B5@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Title says it all. This was the only part missing in my un-opened 38s that I recently bought. (and you thought there were none of these puppies left !!). Does any one have one of these that needs a new home. Willing to pay reasonable price and the shipping. No use looking locally as I know before I start that I will never find one around here.

Thanks..72/73

Ed N4PK

QRP-L #1307

Date: Sun, 26 Apr 1998 18:59:16 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: "'Internet Liste via PoP3'" <qrp-l@Lehigh.EDU>
Subject: [9118] SG-2020, first impressions
Message-ID: <000001bd7135\$1e930980\$fa22e8c3@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello QRPers,

Thursday my Test SG2020 arrived, the German Importer transported it by Motorbike through galf of Germany to my Berlin QTH. Because I have beeeen out to a QRP meeting far of, I could startt first tests an hour ago and here are my very first impressions (I didnt read any report by an other op before, the following is not influenced by any other person.

He did it. He reversed all known problems. When I first tested the QRP plus (SN 250) I wrote in our Magazin: what a fine CW stn, but what a horrotrip to use it in SSB. I called it "Aurora Modulation" But Bruce Franklin, former Index and now SGC now constructed a simply reversed rig: What a fine SSB rig, what a horror to use it in CW!

It is nearly impossible to do a CW QS0 with an S5 signal partner with other S5 to s9 signals + - some khz arround. Down to 1 khz filter bandwith you hear al stns at the same time, two or three as a tone and the other dozen as a chrtrrrr chrtrrrr chrtrrrrr form cw. When I use 500hz or smaller, the rig sounded as if it was using a squelch, I couldn read any CW signal, and boys, I do 99% of all QS0s in CW.

I tried a test QS0, after calling cq PA3AFD answered, thats some 500 miles away. He used a TS940 with 80 Watts and reported an excellent signal and excelent signs, but I HAD TO SWITCH TO MY OLD HW9 TO UNDERSTAND HIM after an other CW signal came up. I tuned to the other CW signal, it was abt 2 khz off and was only S6!!!

I am not impressed!

I will go on testing because the chief editor wants his article, but I couldnt hold on sending this very first impressions to QRP-L

72 de Peter, DL2FI

Date: Sun, 26 Apr 1998 10:08:07 -0800
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [9119] Why QRPTTFers Are Actually Trout
Message-ID: <199804261703.KAA08063@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

For the third year in a row, QRPTTF was scheduled for the opening day of trout season. I have a couple of fly rods hanging by the back door, and they made feel guilty as I was loading the truck with my backpacking radio gear Saturday morning. "Let's go fishing," they whispered.

As I drove up the old logging road I wrestled with indecision. It was a beautiful day, the McKenzie River was flowing low and clear. Who, in his right mind, would play with radios on a day like this?

I set up my little backpacker inverted V on a ridge overlooking the river. 2,000 feet below, drift boats were sliding by, each with two or three happy fishermen. Rats!

But as the day unfolded, a certain rhythm took hold. Calling CQ that morning began to feel like dropping a nice cast, right over by that promising riffle. Searching and pouncing was, I realized, the human analog of what trout do, as they snatch aquatic insects from the surface of the water. A sense of wonder set in. Thanks to the diligent work of Joe Gervais and NorCal, a miracle was achieved--fishing and playing with radios at the same time!

I'm still trying to untangle the mess I made in my log. I'm logging with a Palm Pilot these days, because it weighs only six ounces. But it's not exactly a speed demon, especially in the hands of a doufus like me. Some of those corner stations required eight entries each! (Two bands, four states.) But it looks like that humble inverted V hooked up with about 140 Qs and 49 SPCs. Pretty good fishing.

Russ Carpenter, AA7QU
McKenzie River, Oregon

Date: Sun, 26 Apr 1998 19:13:48 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: "'Internet Liste via PoP3'" <qrp-1@Lehigh.EDU>
Subject: [9120] More Impressions on SG2020
Message-ID: <000b01bd7137\$3413e160\$fa22e8c3@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh Boys

They use a relais! It is a loud relais and the rig is switching between signs - klackklack Klick Klack

With earphones the sidetone is plopping that you will get head ache after some QSOs

Is this only this SG2020 ? Is there anyone on the list with better Results?

Peter, DL2FI

Date: Sun, 26 Apr 1998 10:40:08 -0700
From: Steve Miller <kg7pv@teleport.com>
To: qrp-1@Lehigh.EDU
Subject: [9121] Elmer101 30+
Message-ID: <3.0.5.32.19980426104008.007bcae0@mail.teleport.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,
Could not wait for the class to progress due to upcoming work sked so I built my rig yesterday. Aligned it this morning. Worked right off with no smoke.

Ended up using the 22pf cap for C7. Tunes about 40 khz. Transmitter will do a full 3 watts but set it back to 2. Power out is a tad less at the high end of the tuning range but no big deal.

Hears well and what a snap to align. Offset is just right for my Corsair 2 with no tweaking to do.

This was my first rig with connectors for the off board parts (I bought the case/connector kit too) - very slick!

Nice job on the rig Dave. Can't wait for the case to arrive. Sorta hard to work qso's with wires hanging out. 72

Steve Miller kg7pv@teleport.com Portland, OR
Norcal #308 QRP-L #109 ARCI #9230

Date: Sun, 26 Apr 1998 14:05:34 -0400
From: Ken Newman <n2cq@citnet.com>
To: njqrp@njqrp.org, QRP-L@Lehigh.EDU, epaqrp-l@Lehigh.EDU
Subject: [9122] QTTF Report: WQ2RP
Message-ID: <1.5.4.16.19980426175927.1e376830@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

1998 QRP to the Field

Call used: WQ2RP

Location: NJ

Category: QRP Portable
less)

Mode: CW

Power: 5W (or

Callsign of Operator: N2CQ

If multi-operator, show calls of all operators and loggers:
N2CX - Joe Everhart, N2CQ - Ken Newman

Exchanged Information: WQ2RP RST NJ

Hours of Operation: 05:30

band	QSOs	points	mults

160	0	0	0
80	0	0	0
40	19	95	9
20	60	300	20
15	0	0	0
10	0	0	0

TOTAL	79	395	29
-------	----	-----	----

SCORE: 395 X 29 X 4 X 1 = 45820

Club or Team Name: NJ QRP Club

Comments: Thanks for the QTTF fun at WQ2RP. "Run for the Border" was a great plan, and would like to see that again next time. Terrible QRN on 40M at our location but 20 M made up for the difference. The FL/NE Qso parties didn't hurt either! The only time I recall that N4BP was NOT the loudest station from the south on 20M, sri Bob! Rumors that wind exixts in the southwest can be confirmed in New Jersey all day long. Makes you tired out just to be in it for 6 hours.

Best DX: Cuba, Switzerland and Italy.

Location: Gloucester County 4H Center, SR 77, Mullica Hill, NJ

Equipment:

40M - Sierra, Explorer II, Dipole, Delta Lazy Loop w/tuner.

20M - NW80/20, Delta Lazy Loop w/tuner.

I have observed all competition rules as well as all regulations for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the contest committee.

Date_____ Signature_____ Call_____

Name: NJ QRP Club
c/o Ken Newman, N2CQ
81 Holly Drive
Woodbury, NJ 08096

Call: WQ2RP

72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Sun, 26 Apr 1998 13:10:59 -0500
From: "Walter Dufrain" <walter@inlink.com>
To: <Peter_DL2FI@csi.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [9123] Re: SG-2020, first impressions
Message-ID: <199804261715.MAA26217@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Peter, and thanks for the first hand report on the SGC2020.
It will be interesting to read the final report that you are getting
published. It will also be interesting to read what the American
Rags (mags) , CQ, QST, etc give for a report.

Now if only you had a sample product of the new multi-band
rigs that are coming out (K-2, OHR 500, S&S ABT, & NN1G's)
to compare, what an interesting article you could provide to
the Ham world.

Hope to work you on the bands.....de Walter AG5P
Wright City,
Missouri

> Subject: SG-2020, first impressions
> Date: Sunday, April 26, 1998 11:59 AM
>
> Hello QRPers,
> Thursday my Test SG2020 arrived, the German Importer transported it by
> Motorbike through galf of Germany to my Berlin QTH. Because I have beeeen
> out to a QRP meeting far of, I could startt first tests an hour ago and
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>
> 72 de Peter, DL2FI
>
>
>

Date: Sun, 26 Apr 1998 14:10:17 EDT
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-l@Lehigh.EDU, vole@primenet.com
Subject: [9124] QRPTTF'98 at the NQ2RP operation
Message-ID: <19980426.140939.4463.0.nq2rp@juno.com>

A Multi-Op QRP contest! A first, and it worked well, no make that it
worked superbly!
Ops were Mark, N2VPK and me (Keith, WB2VUO, trustee for NQ2RP). A mix of
gear on the hill and some enthusiastic antenna thoughts...

Saturday 1400Z: I was worried about being late, but Mark, N2VPK
contacted me from the mobile, and he was running behind also. At least
we were on the same schedule, just a later one than planned.

Saturday 1430Z: The gear was unloaded, rigs (and food) into the trailer
and all the masts, wire, feedlines, etc arrayed around the site. We
untangled the lines and wire, and decided to cut the legs for the Vee

from the end of the spool on hand.

Saturday 1500Z: There was about 2.5 feet extra on the spool after cutting both legs for the Vee. While I was doing this, Mark got the line over the selected tree for the feedpoint (the standard adjustable-wrench toss technique) and I spooled out the legs and fixed the two splices that were hidden on the tag-end of the spool.

Saturday 1530Z: The 300-degree leg is up, but parts of me are hanging in the Hawthorne trees and on the raspberry bushes (Nothing that will affect my keying tho') The 240-degree leg goes up in the next 15 minutes and we run the ladder-line into the trailer.

Saturday 1550Z: What's the chances of both of us bring bad coax jumpers, and that those are the ones that (independently) we pick out of the bag and use? After the momentary panic, the coax is changed, and... MAN! The bands STINK! The computer is sitting right in the middle of the Vee, and when we fire it up, the noise level is S-8 or higher. Back to the paper logs!

Saturday 1600Z: On the air on 20 Meters. Condix are poor at best, but we ARE working those we hear. Mark uses the paddles and I am on the straight key. As long as the arthritis allows, I can still keep up with everyone.

Saturday 2100Z: 20 Meters is the best band, and shows brief bursts of great signals and a lot of so-so propagation. 2 contacts on 15. 40 is noisy beyond belief, 10 is dead and 80, not worth the try. Back to 20 Meters

Saturday 2359Z: Last QS0. Best DX has been HB9 and IY0. Total QS0-Points is 86, but we didn't count up S/P/C's or figure multipliers. Mark is going to transcribe the log and submit it under "Separate Cover" due to the computer noise.

The gear? Ten Tec Argo 556's, mine and Mark's (as a backup). Power source was a WalMart 115A/H trolling motor deep-cycle battery. Antennas were the Vee beam for 20/15/10 (136 feet per leg, a 60 degree included angle) with the main lobe aligned at WSW/ENE. Feedpoint up 30 feet and the ends sloping slightly due to the hill and no tall trees downslope. The Vee Beam was fed with 450-ohm ladder line and tuned with a ZM-1 tuner. On 40 we used a portable dipole made from #24 insulated and fed with RG-122 mini coax.

The most important ingredient: FUN!, Lots of it! Just wait until NEXT year for NQ2RP, Out of the Swamps and Up to the Hills!

72/73, Keith, WB2VU0 at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 26 Apr 1998 10:39:20 -0900
From: Bruce Hopkins - KL7JAF <kl7jaf@eagle.ptialaska.net>
To: malman@world.std.com
Cc: qrp-l@Lehigh.EDU
Subject: [9125] Re: Elmer101: unused solder point
Message-ID: <[v03007800b1693bfda460@\[204.119.15.4\]](mailto:v03007800b1693bfda460@[204.119.15.4])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Joel...

I just got back from QRPTTF and saw your post but did not see any reply... So here is one of probably 100 direct responses you have already received...

The unused and unmarked hole that you describe is a ground point that allows you to solder a bare wire to the tops of all the filter cans and then into that spare hole... The addition of this ground is mentioned in the section of the manual that describes the improvements to the SW-40+/30+ but is never addressed in the assembly manual... This ground addition prevents blow-by in the crystal filter...

Hope that this is of some help... Take care and have fun...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>

Date: Sun, 26 Apr 1998 12:47:54 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU, cqc@mtechnologies.com
Subject: [9126] QTTF report
Message-ID: <199804261848.MAA14221@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

In a word, fun! In another word, educational!

CQC operated from Daniels Park, South of Denver, and we got off to a slightly late start. First problem was getting my padlock tangled in a tree. I have an old padlock that I use as a weight on a throwing line, and it has never hung up before, but this time it did so I had to go scrounging for another weight (usual suspects such as small crescent wrench, plumb bob, and large fishing weights are already in other trees back at the home qth). Got the G5RV up only to discover a critical difference between this year and last year. last year I used Dick(AB0CD)'s G5RV and 50' of coax. This year I used mine, and my "long" coax is only 40', so I had to move the card table, rig, antenna tuner, etc, and actually had a transmission line straight out of the tuner to the antenna without touching the ground. It was a beautiful morning-- sunny and warm-- and a joy to be working outside. (note-- last sentence is what is known as "foreshadowing")

I also got slowed down a bit visiting with Dick, who stopped by on his way to another event, and using a cell-phone to help WJ1R figure out where he was and get to the site. What's Russian for "golf course?" Oh yeah-- last year the golf course was the landmark; this year there are TWO golf courses.

We got going eventually, with Larry, WJ1R doing most of the operating and sort of sitting in a broken lawn chair (so THAT's why it was already out in the garage by the door) , and doing fairly well despite conditions. Jan (N0QT) got her own station going about a quarter mile away, just visible on the horizon, and Steve (KB0SZF stopped by to check it all out and helped me get my padlock out of the tree).

About 2:30 I was getting a bit anxious because thunderstorms kept developing in the mountains just to the west of the site, but so far had been heading North or South of us. But now there was a very ominous darkness heading right for us. I was checking things out when I heard a regular ticking sound from the vicinity of the rig. It sounded like a relay, and I wondered if

the battery voltage was low, so I turned the rig off and the ticking didn't stop. I disconnected the coax from the tuner so I could take it off the rig and investigate further, and much to my amazement the ticking continued-- from the end of the coax, which was now lying on the ground. Yep-- static discharge, at the rate of one spark every second or so. I'd only seen that once before, at my Grandpa's house in Bushnell Ne, where they had a tv antenna on a tower. He told me he disconnected it as soon as storms were FORECAST, because once he'd tried to disconnect it when a storm was in sight and literally got knocked on his butt.

So we took an enforced weather break, amounting to about an hour.

A rough count shows 115 QSO's, mostly on 20M, which is a record for W0CQC in a field event, but I haven't even begun to look at how many were "multiple" or border operations. I don't see the Four Corners operation in there, darnit, but a surprising number of threesomes.

73

Marshall Emm

N1FN/VK5FN

n1fn@mtechnologies.com

Milestone Technologies

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(303)752-3382

--

Date: Sun, 26 Apr 1998 20:02:05 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9127] DDS and DSP Rx
Message-ID: <Bd60xDAtS4Q1Ewsv@lfheller.demon.co.uk>
MIME-Version: 1.0

Further to my posting a few days ago about using a DDS with a simple NE602-based DC Rx, I've now got a single channel SSB Rx (no phasing) based on Rick Campbell's designs working on 40 m, using the AD9850 DDS as the local oscillator, and an EZ-KIT LITE based on the ADSP-2181 doing the audio filtering.

The Rx uses an MCL TUF-1 (an SBL-1 would be OK) as the mixer, with a low-pass filter on the RF input port. The AD9850 DDS output is amplified by a 2N3866 broad-band amplifier to give the +7 dBm level required by

the TUF-1. The diplexer is the simpler one from the Mini R2 Rx, using a single 1.2 mH Toko inductor. The 50 ohm audio pre-amp is identical to that in the R2 (using three 2N3904 devices), and I've followed that by an op-amp amplifier, to get enough signal for the microphone input of the DSP system. I live in a first floor flat, without much room for a decent antenna, so I'm using a 1 m square shielded loop antenna made from 50 ohm co-ax.

The DDS is controlled via the printer port on my PC, with some new software that accepts an input frequency via the keyboard, and allows up and down tuning in 100 Hz or 1000 Hz steps.

Performance seems quite good (*much* better than the earlier 602-based Rx), and I'll shortly be converting the thing into a proper phasing radio by adding a second Rx, with an RF splitter for the input signal and a quadrature circuit for the local oscillator giving the requisite 90 degree phase-shifted signals.

If anyone would like a copy of the circuit, or the DDS control software, please get in touch and I'll put it up on my web site.

73, Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " ["/diy_dsp.htm](#) for a simple DIY DSP ADSP-2104 system.

Date: Sun, 26 Apr 1998 12:12:39 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [9128] QRPTTF and Computer Logging
Message-ID: <35438727.6BA6@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Had lots of fun in the contest. I had to work in the morning until 1:00PM. I had my 9:00 appt cancel so I fired up my HW8 on my office desk and managed to work one morning QSO. Band conditions and my attick dipole were working against me so that was about it for the morning (also my patients started arriving and wouldn't give me any more time to play).

I had worked out all the bugs for my computer interface and set up all

the function keys so I could try doing it by the keyboard this year. Everything worked fine at home Friday evening on a test run. I got home from work about 1:45 and loaded up the stuff to take to my site. I was able to get on the air by 2:15.

I turned on the computer and no picture. Oh yeah now I remember...laptops don't work too well outside. I didn't have anything to make a shield so I ended up using paper logs and alot of F1 presses (my CQ TTF key).

I managed to work 65 Q's on 20M and 37 SPC's. Contacts were all accross the country, Mexico and Canada. The 599's I gave out were 599's. I had the preamp shut off and at times had to turn the volume down!

No matter how many times I do it, QRP never ceases to amaze me.

--

73 de Jeff AC6KW
grudin@vdbbs.com

Private Practice : Companion Animals and Exotics
Ocean Animal Clinic / Cat Clinic of Santa Cruz
Santa Cruz, California

Norcal QRP #1292 QRP-L #16 ARS #351
AR Qrp #131 Bumble Bee #19

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Sun, 26 Apr 1998 13:41:11 EDT
From: kh6b@juno.com (Dean W Manley)
To: qrp-l@Lehigh.EDU
Subject: [9129] Re: ARLB028 FCC assigns RM number, seeks comments on ARRL
petition (fwd)
Message-ID: <19980426.074139.5391.0.kh6b@juno.com>

----- Begin forwarded message -----

From: Monte Stark <ku7y@dri.edu>
My comments on the Band Plan Enforcement/Encouragement:

I believe in band plans. We have a band plan for 160 and two meters, for example. They work somewhat. That is, most operators conform. Europe and Africa in ITU Region I has band plans. It is recommended that each country voluntarily to conform. Canada deregulated their mode sub band several years ago. I believe that they have conformed to band usage. I'm

I correct on this, Canadians?

Yes, I agree with Ron and others, that we need less FCC rules and regulations.

We also could use more enforcement. Band plans don't solve problems, but perhaps someday we can have less FCC regulations and more self-policing of the bands. We need to set our own course through the radio clubs, with the help of the ARRL.

Dean KH6B

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: ARLB028 FCC assigns RM number, seeks comments on ARRL
>petition (fwd)
>Date: Sat, 25 Apr 1998 09:47:29 -0700

Ron KU7Y said:

>I feel very strongly about this. The last thing we want are more regulations! The >FCC will not enforce any that they now have so why make more?

>The FCC is nothing but a toothless tiger with no enforcement. They don't
>care about bootleggers in the ham bands. They don't care about license
>class vs. sub band issues. They don't care about having meaningful call
>signs. I'm not sure that they really care about amateur radio! The ARRL
with it's >OO program feels the same way. They will not even consider
disallowing DX >contacts for sub band violations, too much power, lack of
"good amateur >practice" and etc. Ditto with contest violations! In fact,
the ARRL has just now >started checking contest logs for errors!! But
they only look at about the top >ten in each class. They can't even
bother to enforce their own contest rules so I >guess we shouldn't be
surprised that they don't worry about the other things
>either. Without fear of enforcement, why should anyone worry about what
the >law has to say? Does anyone here really think a term like "good
amateur >practice" means anything? The courts can't even define
pornography!

>No, we don't need to waste our time and money on something this silly.
The >ARRL shouldn't be wasting my membership money on it either when they
know >that nothing good will ever come from it! Well, maybe some good for
them.... >some PR to make the easily impressed think that they are doing
a good job!!

>

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been in the closet for a while.

Well, I have the sockets in as well as the crystals, and some of the other mandatory parts that are not effected with all the published mods. I took a break to look at the pile of mods I have printed out, and I think I'm now confused at best. Too much mods, mods to mods, and mods to the mods mods.

Also, It sounds like the RIT mod is not really recommended. I remember seeing a mod that fixed the RIT problems but can't locate it now.

I appreciate all the help I can get to clear up the confusion, especially comments from anyone that's been where I am now. What's the best way to approach this project at this point. What mods to do and not do? etc.

Thanks.

73s Saad KB6VIR/5 Dallas

Date: Sun, 26 Apr 1998 16:09:10 EDT
From: K2UD <K2UD@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [9132] Polypropolene Rope for Guys
Message-ID: <5e03b730.35439467@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Who knows where to obtain 1/4 inch poly rope in Olive Drab color? I have seen parachute cord and nylon advertised, but having difficulty finding poly in anything but yellow. All help appreciated.

Date: Sun, 26 Apr 1998 13:35:21 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [9133] Doug Hauff's Email is DOWN !
Message-ID: <2.2.32.19980426203521.006be168@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The GOOD NEWS.

Doug Hauff, the MASTER of the 38S Custom Enclosure etc etc

has just put into place his NEW MEGA HOGGER !

Yep, NEW, NEW NEW is the word.

I envision great things coming out of the shop shortly.

NOW, Doug has asked me to let you know his email is down for now

due to a computer glitch ala big time. He is in the process of

making some changes to get back on so please be patient.

If you have sent him email in the last few days please re-email him.

Now lets see,,,,I need an enclosure for the

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Sun, 26 Apr 1998 13:30:04 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: "John A. Evans - N0HJ" <jaevans@codenet.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [9134] Re: Source for MRF237 xistor
Message-ID: <Pine.LNX.3.91.980426132812.12187C-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

John,

The ECG-341 is an equivalent, and usually cheaper.
72, Dave, W6EMD

Date: Sun, 26 Apr 1998 16:31:28 -0400 (EDT)
From: cjayheff@erols.com (C. Jay Heffner)
To: qrp-l@Lehigh.EDU
Subject: [9135] a few xtals fer sale
Message-ID: <v01520d17b16912493a0d@[207.172.109.110]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang: I have the following xtals for sale:

(MHZ)

7.125, 7.141, 7.089, 20.8

(KHZ)

6000

Also have some 2 meter tx and rx xtals if anyone is interested.

73/72,

Craig, KF4NYZ

Date: Sun, 26 Apr 1998 16:54:05 -0500
From: "Steve Zumbrun" <zumbruns@mail.stlukes.org>
To: "QRP Refector" <qrp-l@Lehigh.EDU>
Subject: [9136] FS: OHR 100a 40 meters
Message-ID: <01bd715d\$d52aefa0\$239e2ace@default>
MIME-Version: 1.0
Content-Type: multipart/related;
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This is a multi-part message in MIME format.

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Content-Type: multipart/alternative;
 boundary="-----_NextPart_001_000D_01BD7133.EC5E0F60"

-----=_NextPart_001_000D_01BD7133.EC5E0F60
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I have excellent 40 meter transceiver for sale. The radio works great =
and puts out easy 5 watts. I want \$75.00 plus shipping. 73s Steve W0SZ

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Content-Transfer-Encoding: quoted-printable

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and puts out easy 5 watts. I want \$75.00 plus shipping. 73s =
Steve=20

W0SZ </DIV></BODY></HTML>

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Content-Transfer-Encoding: base64

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Date: Sun, 26 Apr 1998 16:57:47 -0500
From: "Steve Zumbrun" <zumbruns@mail.stlukes.org>
To: "QRP Reflector" <qrp-1@Lehigh.EDU>
Subject: [9137] FS: SST 20 meter rig
Message-ID: <01bd715e\$59882100\$239e2ace@default>
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This is a multi-part message in MIME format.

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-----=_NextPart_001_002B_01BD7134.70B9BA20
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I have excellent SST 20 meter tcvr for sale. I want \$75.00 plus =

shipping. Thanks and 73s, Steve W0SZ

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Content-Transfer-Encoding: quoted-printable

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shipping. Thanks and 73s, Steve W0SZ </DIV></BODY></HTML>

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Date: Sun, 26 Apr 1998 18:39:12 -0400
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-l@Lehigh.EDU
Subject: [9138] QRP TTF from Chesapeake
Message-ID: <199804261841_MC2-3B01-ADD@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hello All,

just wanted to post my results for the Annual QRP to the field (QRP-TTF) event

this Saturday. This thing crept up on me or I would have tried to put together a group operation.

I set up at the Chesapeake Springfest behind an old schoolhouse about 1-1/2 miles from the NC state line. I didn't think I was close enough to be a border op. Had planned on doing QRP show and tell off and on during the day.

I put my modified St Louis Vertical up for 40 and ran a 20M dipole fed with twin lead from the roof of the building out to the trash trailer sitting in a field. I used fishing line to support it and tuned it with my QRP auto antenna tuner.

I spent the morning showing off my gear and looking around the Springfest. I met Vic, KI4VY, who operates QRP in Va Beach and had an MFJ QRP rig for sale. Nice guy, I gave him a list of QRP web pages including how to subscribe to the list.

I worked CA and TX right off the bat on 20M. However, so many people came around that I spent most of my time doing the show and tell rather than operating. It was a good thing this was not a SSB contest, because my throat got sore from all the talking :-).

The hamfest wound down in the afternoon after the Radio Control helicopters left (glad I brought headphones) and I managed to work a solid 4 hours of casual search and pounce.

I ended up with 25 actual QSO's, with 35 RST's. Totalled 24 states and three countries. All 2x QRP except one of the DX stations in Germany who wanted to rag chew at 8 wpm with a straight key. He was not copying me well, gave a 319 report initially but could not hold it.

The highlite for me was working EA1BSU 2x QRP, he at 4w and me at 2! Alex swapped a little more info and did not stick with the contest exchange of RST/SPC, I'm not sure he was even participating in the event.

The low part of the event was when a dog strayed out and "marked" the vertical! At least I had an hour or so to let it evaporate before I had to disassemble it.

All but 4 of my contacts were on 20M, the rest on 40. The sigs on 20 were really booming in by 6 or 7pm local.

Some folks have mentioned poor conditions, but anytime I can work 24 states and three countries in 4 hours I'm happy! This was alot of fun and next year I hope to do it again.

72/73's,

--Rick, KE4IZH

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Chesapeake, Va.
MP2.1K

End of QRP-L Digest 1072

